

AMENDMENTSAmendments to the Claims:

Please cancel claims 1-28 and add new claims 29-79 as follows:

Sub B1
A

1 29. (New) A method of sending improved quality video data to a client, comprising:
2 sending a video stream to said client in accordance with a set of streaming
3 constraints, said video stream comprising at least a subset of video information from a first
4 source;
5 receiving a signal indicating a relaxation of said streaming constraints;
6 in response to said signal, accessing a set of improved quality video information
7 from a second source, said improved quality video information comprising an improved
8 quality version of at least a subset of the video information in said video stream, wherein said
9 improved quality video information includes a plurality of still images; and
10 sending said plurality of still images to said client for display at a presentation
11 rate.

1 30. (New) The method according to claim 29, wherein said accessing said set of improved
2 quality video information comprises:
3 determining a first reference point from the information in said video stream;
4 correlating said first reference point with a second reference point in said second
5 source; and
6 retrieving said set of improved quality video information from said second source
7 based upon said second reference point.

Sub B2

1 31. (New) The method according to claim 29, wherein the still images take the form of
2 image files selected from the group consisting of a JPEG file, a GIF file, a BMP file, a TIFF
3 file, a PIC file, a MAC file and a PCD file.

1 32. (New) The method according to claim 29, wherein said signal indicates that said
2 presentation rate for display of said still images is to be slower than a presentation rate for
3 said video stream.

08/20/2001 TUESDAY 00000271 09:28244

01-FC:217
02-FC:202
03-FC:203

445.00 OP
50.00 OP
207.00 OP

Sub
B3

33. (New) A computer-readable medium carrying one or more sequences of instructions for sending improved quality video data to a client, comprising the steps of, wherein execution of the one or more sequences of instructions by one or more processors causes the one or more processors to perform steps of:

 sending a video stream to said client in accordance with a set of streaming constraints, said video stream comprising at least a subset of video information from a first source;

 receiving a signal indicating a relaxation of said streaming constraints;
 in response to said signal, accessing a set of improved quality video information from a second source, said improved quality video information comprising an improved quality version of at least a subset of the video information in said video stream, wherein said improved quality video information includes a plurality of still images; and

 sending said plurality of still images to said client for display at a presentation rate.

34. (New) The computer-readable medium according to claim 33, wherein said accessing said set of improved quality video information comprises:

 determining a first reference point from the information in said video stream;
 correlating said first reference point with a second reference point in said second source; and

 retrieving said set of improved quality video information from said second source based upon said second reference point.

Sub
B4

35. (New) The computer-readable medium according to claim 33, wherein the still images take the form of image files selected from the group consisting of a JPEG file, a GIF file, a BMP file, a TIFF file, a PIC file, a MAC file and a PCD file.

36. (New) The computer-readable medium according to claim 33, wherein said signal indicates that said presentation rate for display of said still images is to be slower than a presentation rate for said video stream.

Sub
B5

1 37. (New) An apparatus configured to send improved quality video data to a client, the
2 apparatus comprising:
3 a first source for video information, wherein said first source of video information
4 has stored thereon at least a subset of video information corresponding to a video stream;
5 a second source for improved quality video information, wherein said second
6 source comprises an improved quality version of at least a subset of the video information in
7 said video stream, wherein said improved quality video information includes a plurality of
8 still images; and
9 a video server, coupled to said first source and said second source, wherein said
10 video server is configured to stream video information from said first source in accordance
11 with a set of streaming constraints, and, in response to a signal indicating a relaxation of said
12 set of streaming constraints, to send improved quality video information from said second
13 source sending said plurality of still images to said client for display at a presentation rate.

1 38. (New) The apparatus according to claim 37, wherein said accessing said set of improved
2 quality video information comprises:
3 determining a first reference point from the information in said video stream;
4 correlating said first reference point with a second reference point in said second
5 source; and
6 retrieving said set of improved quality video information from said second source
7 based upon said second reference point.

Sub
B6

9 39. (New) The apparatus according to claim 37, wherein the still images take the form of
10 image files selected from the group consisting of a JPEG file, a GIF file, a BMP file, a TIFF
11 file, a PIC file, a MAC file and a PCD file.

1 40. (New) The apparatus according to claim 37, wherein said signal indicates that said
2 presentation rate for display of said still images is to be slower than a presentation rate for
3 said video stream.

Sub
B7

1 41. (New) A method of sending improved quality video data to a client, comprising:
2 sending a video stream to said client in accordance with a set of streaming
3 constraints, said video stream comprising at least a subset of video information from a first
4 source;
5 receiving a signal indicating a relaxation of said streaming constraints;
6 in response to said signal, accessing a set of improved quality video information
7 from a second source, said improved quality video information comprising an improved
8 quality version of at least a subset of the video information in said video stream; and
9 sending said set of improved quality video information to said client along with
10 time stamps associated with the improved quality video information.

1 42. (New) The method according to claim 41, wherein the improved quality video
2 information includes a plurality of still images.

1 43. (New) The method according to claim 42, wherein the still images are for display at a
2 slower presentation rate.

Sub
B8

1 44. (New) The method according to claim 42, wherein the still images take the form of
2 image files selected from the group consisting of a JPEG file, a GIF file, a BMP file, a TIFF
3 file, a PIC file, a MAC file and a PCD file.

1 45. (New) The method according to claim 41, wherein the improved quality video
2 information includes an MPEG video file.

1 46. (New) The method according to claim 41, wherein said second source comprises a set of
2 preprocessed video information which is ready to be streamed, and wherein said improved
3 quality video information comprises at least a subset of said preprocessed video information.

1 47. (New) The method according to claim 46, wherein said signal indicates that video
2 information is to be displayed at said client at a slower presentation rate, and wherein said
3 step of sending said set of improved quality video information comprises streaming said

4 improved quality video information to said client at an appropriate streaming rate to
5 accommodate said slower presentation rate.

1 48. (New) The method according to claim 41, wherein said improved quality video
2 information includes selected frames from the second source and omits skipped video
3 information from the second source.

1 49. (New) The method according to claim 48, wherein said signal is generated in response
2 to a request for a seek operation.

AI 1 50. (New) The method according to claim 49, wherein said signal is generated in response
2 to a request for a rewind operation.

Sub 89 1 51. (New) An apparatus configured to send improved quality video data to a client, the
2 apparatus comprising:
3 a first source for video information, wherein said first source of video information
4 has stored thereon at least a subset of information corresponding to a video stream;
5 a second source for video information, wherein said second source comprises an
6 improved quality version of at least a subset of the video information in said video stream;
7 and
8 a video server, coupled to said first source and said second source, wherein said
9 video server is configured to stream video information from said first source in accordance
10 with a set of streaming constraints, and, in response to a signal indicating a relaxation of said
11 set of streaming constraints, to send improved quality video information from said second
12 source to the client along with time stamps associated with the improved quality video
13 information.

1 52. (New) The apparatus according to claim 51, wherein the improved quality video
2 information includes a plurality of still images.

1 53. (New) The apparatus according to claim 52, wherein the still images are for display at a
2 slower presentation rate.

1 54. (New) The apparatus according to claim 52, wherein the time stamps are associated with
2 each of at least a subset of the still images.

Sub 50
1 55. (New) The apparatus according to claim 52, wherein the still images take the form of
2 image files selected from the group consisting of a JPEG file, a GIF file, a BMP file, a TIFF
3 file, a PIC file, a MAC file and a PCD file.

AI
1 56. (New) The apparatus according to claim 51, wherein the improved quality video
2 information includes an MPEG video file.

1 57. (New) The apparatus according to claim 51, wherein said second source comprises a set
2 of preprocessed video information which is ready to be streamed, and wherein said improved
3 quality video information comprises at least a subset of said preprocessed video information.

1 58. (New) The apparatus according to claim 57, wherein said signal indicates that video
2 information is to be displayed at said client at a slower presentation rate, and wherein said
3 step of sending said set of improved quality video information comprises streaming said
4 improved quality video information to said client at an appropriate streaming rate to
5 accommodate said slower presentation rate.

1 59. (New) The apparatus according to claim 51, wherein said improved quality video
2 information includes selected frames from the second source and omits skipped video
3 information from the second source.

1 60. (New) The apparatus according to claim 59, wherein said signal is generated in response
2 to a request for a seek operation.

1 61. (New) The apparatus according to claim 59, wherein said signal is generated in response
2 to a request for a rewind operation.

1 62. (New) A method of sending improved quality video data to a client, comprising:
2 sending a video stream to said client in accordance with a set of streaming
3 constraints, said video stream comprising at least a subset of video information from a first
4 source;
5 receiving a signal indicating a relaxation of said streaming constraints;
6 in response to said signal, accessing a set of improved quality video information
7 from a second source, said improved quality video information comprising an improved
8 quality version of at least a subset of the video information in said video stream, wherein said
9 improved quality video information includes selected frames from the second source and
10 omits skipped video information from the second source; and
11 sending said set of improved quality video information to said client.

1 63. (New) The method according to claim 62, wherein the improved quality video
2 information includes a plurality of still images.

1 64. (New) The method according to claim 63, wherein time stamps are associated with each
2 of at least a subset of the still images.

1 65. (New) The method according to claim 63, wherein the still images take the form of
2 image files selected from the group consisting of a JPEG file, a GIF file, a BMP file, a TIFF
3 file, a PIC file, a MAC file and a PCD file.

1 66. (New) The method according to claim 62, wherein the improved quality video
2 information includes an MPEG video file.

1 67. (New) The method according to claim 62, wherein said second source comprises a set of
2 preprocessed video information which is ready to be streamed, and wherein said improved
3 quality video information comprises at least a subset of said preprocessed video information.

1 68. (New) The method according to claim 67, wherein said signal indicates that video
2 information is to be displayed at said client at a slower presentation rate, and wherein said
3 step of sending said set of improved quality video information comprises streaming said
4 improved quality video information to said client at an appropriate streaming rate to
5 accommodate said slower presentation rate.

1 69. (New) The method according to claim 62, wherein said signal is generated in response
2 to a request for a seek operation.

1 70. (New) The method according to claim 62, wherein said signal is generated in response
2 to a request for a rewind operation.

1 71. (New) An apparatus configured to send improved quality video data to a client, the
2 apparatus comprising:
3 a first source for video information, wherein said first source of video information
4 has stored thereon at a least a subset of information corresponding to a video stream;
5 a second source for video information, wherein said second source comprises an
6 improved quality version of at least a subset of the video information in said video stream,
7 wherein said improved quality video information includes selected frames from the second
8 source and omits skipped video information from the second source; and
9 a video server, coupled to said first source and said second source, wherein said
10 video server is configured to stream video information from said first source in accordance
11 with a set of streaming constraints, and, in response to a signal indicating a relaxation of said
12 set of streaming constraints, to send improved quality video information from said second
13 source.

1 72. (New) The apparatus according to claim 71, wherein the improved quality video
2 information includes a plurality of still images.

1 73. (New) The apparatus according to claim 72, wherein time stamps are associated with
2 each of at least a subset of the still images.

1 74. (New) The apparatus according to claim 72, wherein the still images take the form of
2 image files selected from the group consisting of a JPEG file, a GIF file, a BMP file, a TIFF
3 file, a PIC file, a MAC file and a PCD file.

1 75. (New) The apparatus according to claim 71, wherein the improved quality video
2 information includes an MPEG video file.

Al 1 76. (New) The apparatus according to claim 71, wherein said second source comprises a set
2 of preprocessed video information which is ready to be streamed, and wherein said improved
3 quality video information comprises at least a subset of said preprocessed video information.

1 77. (New) The apparatus according to claim 76, wherein said signal indicates that video
2 information is to be displayed at said client at a slower presentation rate, and wherein said
3 step of sending said set of improved quality video information comprises streaming said
4 improved quality video information to said client at an appropriate streaming rate to
5 accommodate said slower presentation rate.

1 78. (New) The apparatus according to claim 71, wherein said signal is generated in response
2 to a request for a seek operation.

1 79. (New) The apparatus according to claim 71, wherein said signal is generated in response
2 to a request for a rewind operation.